

THIS MEMORANDUM OF OIL AND GAS LEASE AGREEMENT, dated this 16th day of September, 2010, by and between Markus Daniel Hughes, a single man, 51 Howard Street, Cameron, West Virginia, 26033, hereinafter referred to as "Lessor" (whether one or more), and TRANS ENERGY, INC., P.O. BOX 393, ST. MARYS, WEST VIRGINIA 26170 (50%) and REPUBLIC PARTNERS VI, LP, 4925 Greenville Avenue, Suite 1050, Dallas, Texas 75206 (50%), hereinafter referred to as "Lessee".

WITNESSETH:

For and in consideration of One Dollar (\$1.00) and other good and valuable consideration paid by Lessee to Lessor and in further consideration of the covenants and conditions more particularly set forth in a certain lease between Lessor and Lessee dated Sept. 16, 2010 (hereinafter referred to as the "Lease"), Lessor does demise and let unto Lessee the following described premises situate in the District of Liberty, County of Marshall, State of WEST VIRGINIA;

Being Map 2, Parcel 2, containing 56.08 acres, more or less, (hereinafter referred to as the "Premises") for the purpose of exploring for by geophysical, seismic, and other methods, drilling, operating for, producing and removing oil and gas and all the constituents thereof.

Title to the Premises was devised to Lessor by The Last Will and Testament of Mary Whipkey, deceased, recorded in Volume/Book 78. Page 427, in the Marshall County Records.

I. To have and to hold the Premises for a term commencing Sept. 16, 2010 and terminating three years thereafter in the event that Lessee does not drill one well, and if such well is drilled for so much longer thereafter as oil or gas or their constituents are produced or are capable of being commercially produced. Lessee shall have the option to renew this lease for a like term for the same consideration.

IN WITNESS WHEREOF, the parties to this agreement have hereunto set their hands and seals this day and year first above written.

Lessor Signature:

Markus Daniel Hughes
Markus Daniel Hughes

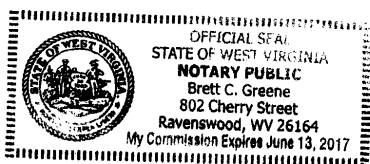
Lessee Signature:

Mark D. Woodburn
Mark D. Woodburn
Land Department Manager

Jan Pest
MARSHALL County 10:50:25 AM
Instrument No 1302738
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STATE OF W.V.COUNTY OF Ohio, TO-WIT:

The foregoing instrument was acknowledged before me this 16th day of September, 2010, by Markus Daniel Hughes.

June 13, 2017

My commission expires

Brett Greene

Notary Public

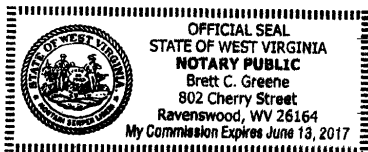
STATE OF WEST VIRGINIA

COUNTY OF Pleasant, TO-WIT:

The foregoing instrument was acknowledged before me this 21st day of September, 2010, by Mark D. Woodburn, Land Department Manager of Trans Energy, Inc., a Nevada corporation, on behalf of Trans Energy, Inc., and as a representative of Republic Partners VI, LP.

This document was prepared by and is to be returned to:

Trans Energy
PO Box 393
St. Marys, WV 26170

June 13, 2017

My Commission expires

Brett Greene

Notary Public

STATE OF WEST VIRGINIA, MARSHALL COUNTY, SCT.:

I, JAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the 16th day of September, 2010, was presented for and by me, admitted to record in my office upon the above certificate as to the parties therein named this 8th day of April, 2011 at 10:50 o'clock A.M.

TESTE:

Jan Pest
Clerk